A METHOD FOR ON-LINE OPTIMIZATION OF A PLANT

ABSTRACT OF THE DISCLOSURE

An on-line optimizer is provided wherein a boiler (720) is optimized by measuring a select plurality of inputs to the boiler (720) and mapping them through a predetermined relationship that defines a single value representing a spacial relationship in the boiler that is a function of the select inputs. This single value is then optimized with the use of a plant optimizer (818) which provides an optimized value. This optimized value is then processed thought the inverse relationship of the single modified value to provide modified inputs to the plant that can be applied to the plant.

5